

# INTERNATIONAL SEARCH REPORT

PCT/GB2004/004759

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A01B45/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A01B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2 067 781 A (MUELLER JOSEPH J) 12 January 1937 (1937-01-12) column 2, line 40 - column 3, line 35; figures 1-3	1-8
A	DE 40 28 996 A1 (HESSABI, IRADJ, DIPL.-ING., 4811 OERLINGHAUSEN, DE) 19 March 1992 (1992-03-19) the whole document	1-8
A	US 4 154 305 A (PREWETT, JESSE L) 15 May 1979 (1979-05-15) column 2, line 42 - column 4, line 50; figures 1-4	1-8
A	US 2 303 726 A (DETTLOFF WILLIAM ET AL) 1 December 1942 (1942-12-01) figures 1-3	1-8
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

2 March 2005

Date of mailing of the international search report

21/03/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 4 476 938 A (MCKAY ET AL)  16 October 1984 (1984-10-16)  column 5, line 49 - column 7, line 16;  figures 6,7</p> <p>-----</p>	1-8

# INTERNATIONAL SEARCH REPORT

Information on patent family members

PCT/GB2004/004759

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 2067781	A	12-01-1937	NONE		
DE 4028996	A1	19-03-1992	NONE		
US 4154305	A	15-05-1979	NONE		
US 2303726	A	01-12-1942	NONE		
US 4476938	A	16-10-1984	CA	1208477 A1	29-07-1986